



Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known					
				Application Number		10/511,657			
				Filing Date		April 18, 2005			
				First Named Inventor		Drumm			
				Group Art Unit		1635			
Examiner Name		Wollenberger, Louis V.							
Sheet	1	of	2	Attorney Docket Number		129402.00201			
U.S. PATENT DOCUMENTS									
Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Number	Kind Code (if known)						
/L.W./	A1	2002/0054902	A1	Pardridge	05-09-2002				
	A2	5,550,289	A	Eppstein et al.	08-27-1996				
FOREIGN PATENT DOCUMENTS									
Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		T
		Office	Number	Kind Code (if known)					
	B1	WO	98/48009	A2	University of Florida	10-29-1998			
	B2	WO	94/08026	A1	Rhone-Poulenc Rorer S.A.	04-14-1994			
	B3	WO	02/11666	A2	D-Pharm Ltd.	02-14-2002			
	B4	WO	99/12572	A1	University of Florida	03-18-1999			
	B5	EP	1229134	A2	Necleonics, Inc. et al.	08-07-2002			
	B6	WO	01/83729	A	Novartis AG	11-08-2001			
	B7	WO	01/36646	A	Cancer Res. Campaign Tech Lim	05-25-2001			
	B8	WO	00/44914	A	Medical College of Georgia Research Institute	08-03-2000			
	B9	WO	02/088320	A	University of Florida	11-07-2002			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or county where published.							
	C1	CARLSON et al., Perineurium in the Drosophila embryo and its role in the blood-brain/nerve barrier, 1998, Int. J. Insect Morphology and Embryology 27(2):61-66							
	C2	BANKS et al., Delivery across the blood-brain barrier of antisense directed against Amyloid beta: reversal of learning and memory deficits in mice overexpressing Amyloid precursor protein, 2001, J. Pharmacology and Experimental Therapeutics 297(3):1113-1121							
	C3	PARDRIDGE et al., Vector-mediated delivery of a polymamide ("peptide") nucleic acid analogue through the blood-brain barrier in vivo, 1995, Proc. Nat. Acad. Sci. USA 92:5592-5596							
	C4	BOADO et al., Drug delivery of antisense molecules to the brain for treatment of Alzheimer's disease and cerebral AIDS, 1998, J. Pharm. Sci. 87(11):1308-1315							
	C5	TYLER et al., Peptide nucleic acids targeted to the neurotensin receptor and administered i.p. cross the blood-brain barrier and specifically reduce gene expression, 1999, Proc. Natl. Acad. Sci. USA 96:7053-7058							
	C6	LEE et al., Imaging gene expression in the brain in vivo in a transgenic mouse model of Huntington's disease with an antisense radiopharmaceutical and drug-targeting technology, 2002, J. Nuclear Medicine 43(7):948-956							
	C7	PENICHER et al., An antibody-Avidin fusion protein specific for the Transferrin Receptor serves as a delivery vehicle for the effective brain targeting: initial applications in anti-HIV antisense drug delivery to the brain, 1999, J. Immun. 163:4421-4426							
	C8	WU et al., Pharmacokinetics and blood-brain barrier transport of [3H]-biotinylated phosphorothioate oligodeoxynucleotide conjugated to a vector-mediated drug delivery system, 1996, J. Pharm. Exp. Ther. and Am. Soc. Pharm. 276(1):206-211							
Examiner Signature				Date Considered					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



PATENT

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/L.W./	C9	SHI et al., Antisense imaging of gene expression in the brain in vivo, 2000, Proc. Natl. Acad. Sci. USA 97(26):14709-14714			
	C10	BOADO, Antisense drug delivery through the blood-brain barrier, 1995, Adv. Drug Delivery Reviews 15(1/3):73-107			
	C11	PINEDA et al., The genetic network of prototypic planarian eye regeneration is Pax6 independent, 2002, Development 129:1423-1434			
	C12	DRYJA et al., Mutations in the gene encoding the alpha subunit of the rod cGMP-gated channel in autosomal recessive retinitis pigmentosa, 1995, Proc. Natl. Acad. Sci. USA 92:10177-10181			
	C13	HUNT et al., Vitreous treatment of retinal pigment epithelial cells results in decreased expression of FGF-2, 1998, Investigative Ophthalmology & Visual Sci. 39(11):2111-2120			
	C14	KOCIOK et al., Vitreous treatment of cultured human RPE cells results in differential expression of 10 new genes, 2002, Investigative Ophthalmology & Visual Sci. 43(7):2474-2480			
	C15	CAMPOCHIARO, Gene therapy for retinal and choroidal diseases, 2002, Expert Opinion on Biological Therapy, 2(5):537-544			
	C16	KOCIOK et al., Upregulation of RAS-GTPase Activating Protein (GAP)-Binding Protein (G38BP) in proliferating RPE cells, 1999, J. Cellular Biochemistry 74:194-201			
	C17	CHAN et al., Expression of chemokine receptors, CXCR4 and CXCR5, and chemokines, BLC and SDF-1, in the eyes of patients with primary intraocular lymphoma, 2003, Ophthalmology 110(2):421-426			
	C18	AVGEROPOULOS et al., New treatment strategies for malignant gliomas, 1999, The Oncologist 4:209-224			
	C19	GROOTHUIS, The blood-brain and blood-tumor barriers: a review of strategies for increasing drug delivery, 2000, Neuro-Oncology 2:45-59			
	C20	PARDRIDGE, Brain drug targeting and gene technologies, 2001, Japanese J. Pharmacology 87:97-103			
	C21	PARDRIDGE, Drug and gene targeting to the brain with molecular Trojan horses, 2002, Nature Reviews 1:131-139			
	C22	QIAN et al., Targeted drug delivery via the Transferrin Receptor mediated endocytosis pathway, 2002, Pharmacological Reviews 54(4):561-587			
	C23	PARDRIDGE, Vector-Mediated drug delivery to the brain, 1999, Advanced Drug Delivery Reviews, 36(2-3):299-321			
	C24	PARDRIDGE, CNS drug design based on principles of blood-brain barrier transport, 1998, J. Neurochemistry 70:1781-1792			
	C25	PARDRIDGE, Drug delivery to the brain, 1997, J. Cerebral Blood Flow and Metabolism, 17(7):713-731			
	C26	PHILIP et al., Polarized expression of monocarboxylate transporters in human retinal pigment epithelium and ARPE-19 cells, 2003, Investigative Ophthalmology & Visual Sci. 44(4):1716-1721			
Examiner Signature	/Louis Wollenberger/			Date Considered	01/14/2008

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